

PATENT ABSTRACTS OF JAPAN

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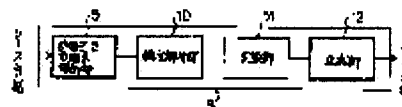
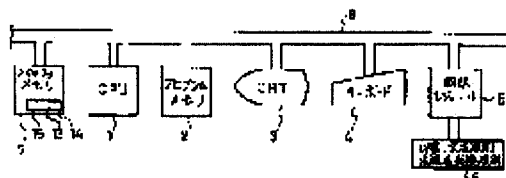
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(54) MACHINE TRANSLATION SYSTEM

(57)Abstract:

PURPOSE: To register an equivalent of a noun phrase in a user dictionary and to easily register a technical term, etc., used in a specific field, in the user dictionary by generating a list of noun phrases having specific constitution by a list generating means.

CONSTITUTION: A type specified by a user is stored in an extraction specification buffer 14 of a buffer memory 7. After an input original sentence is stored in a specific area of the buffer memory 7 by an input program in a program memory 2, a dictionary consulting morpheme analysis part 9 consults dictionary and carries out a morpheme analysis by using a dictionary and rule memory 6. Then, a syntax analysis part 10 performs a syntax analysis and checks a grammatical rule which should be applied to the input sentence. In case of success, a subtree structure is generated and an application program corresponding to the grammatical rule is started. The program checks the value of the type of a compound noun to be extracted automatically in the specified extraction specification buffer 14 and after the syntax analysis ends, an analytic result is obtained to obtain an index list.



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